



FIG. 1
PRIOR ART

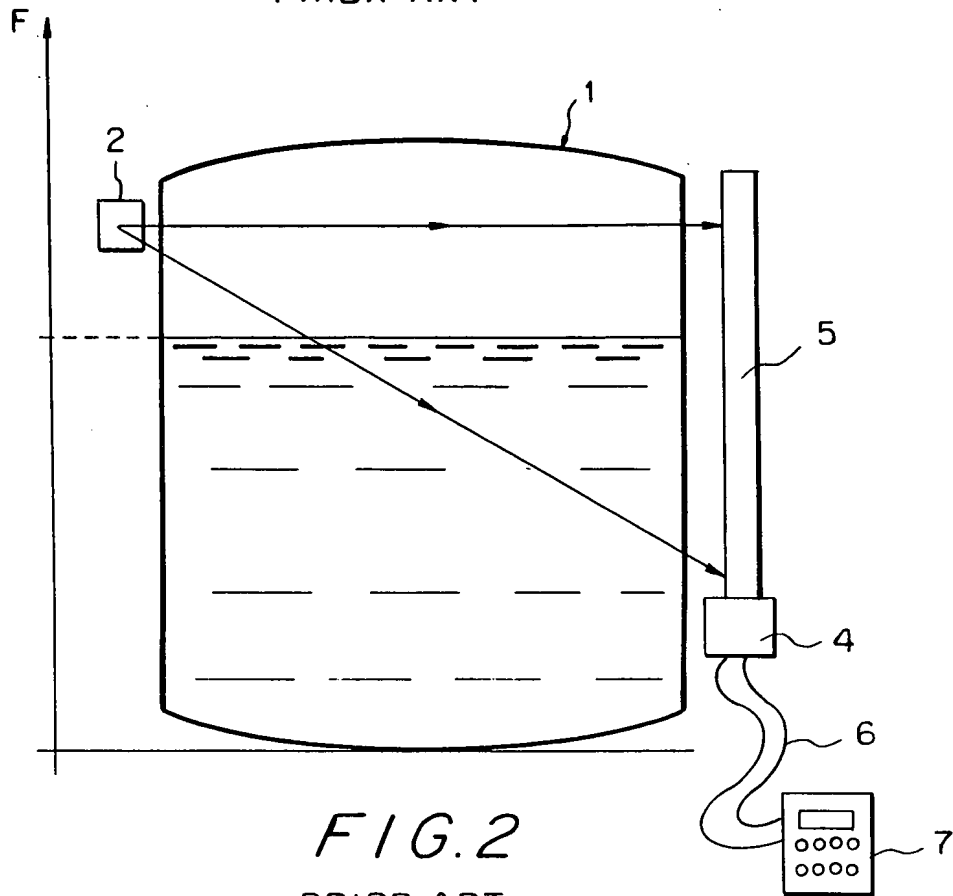


FIG. 2
PRIOR ART

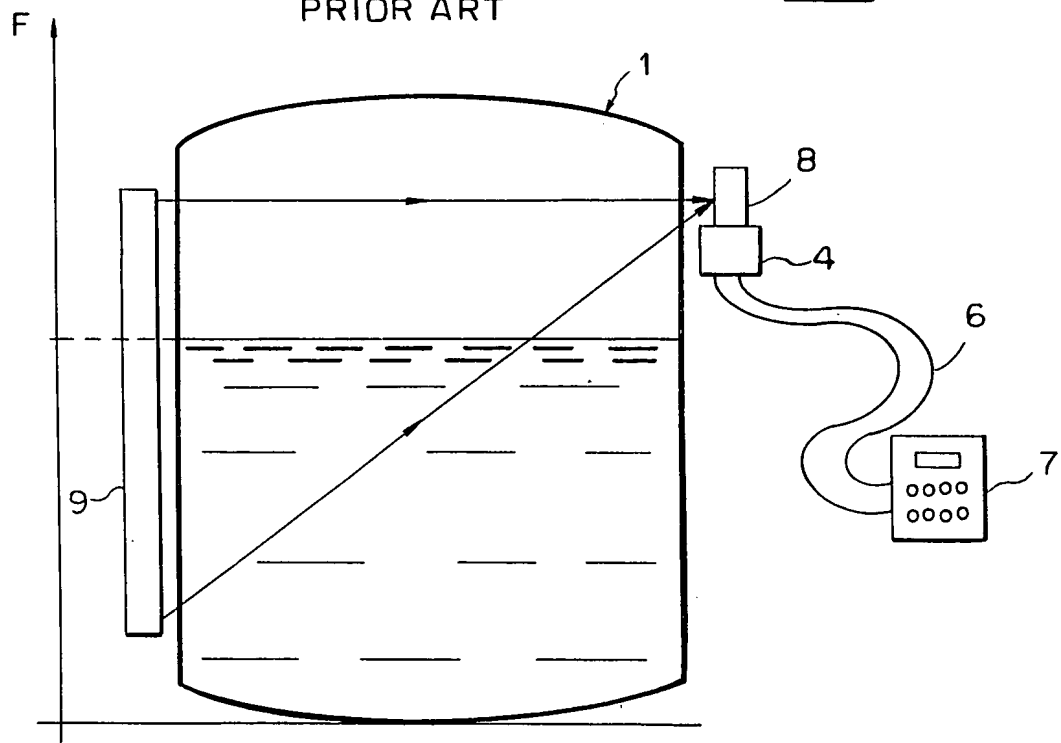




FIG. 3A
PRIOR ART

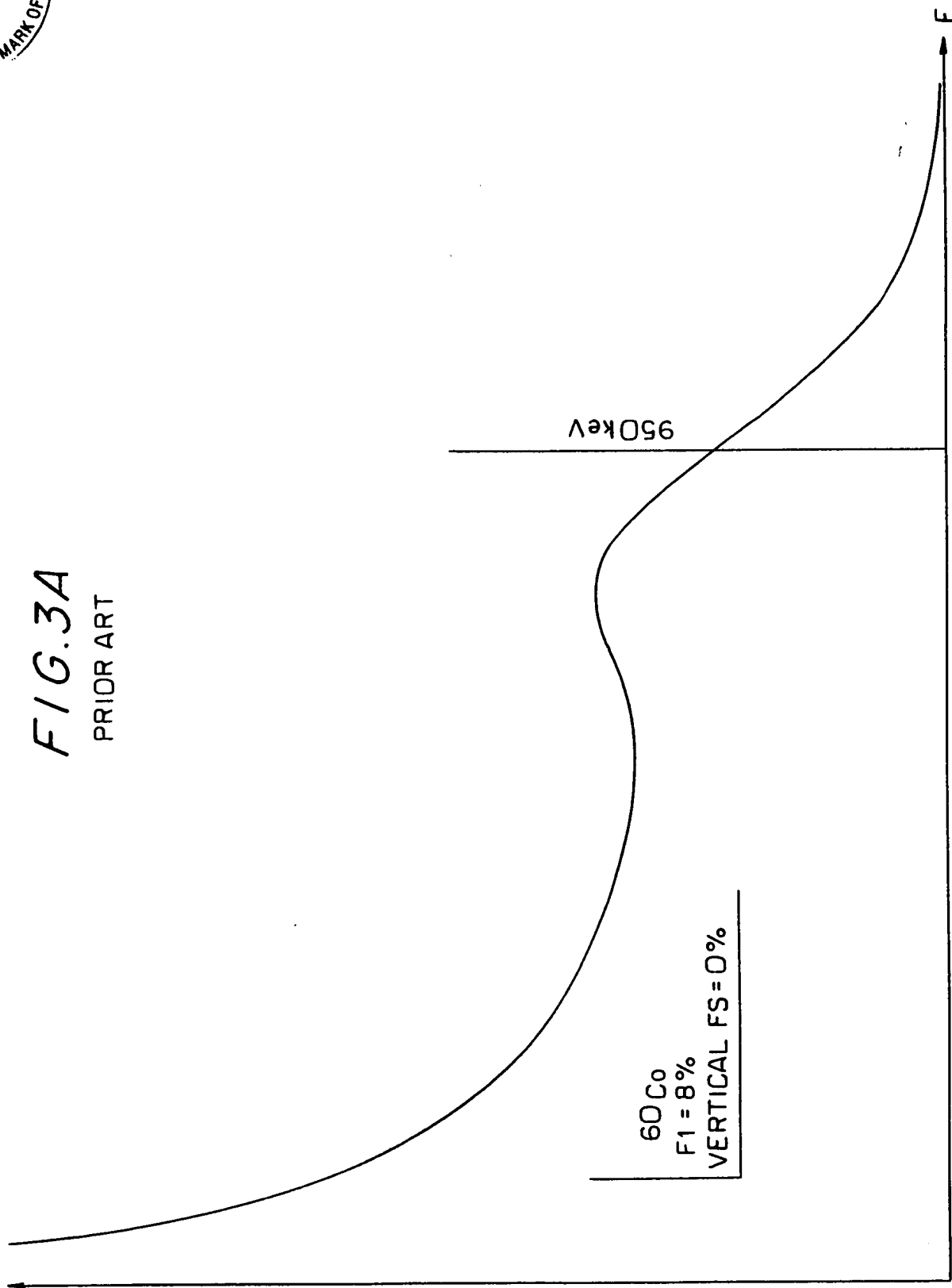




FIG. 3B
PRIOR ART

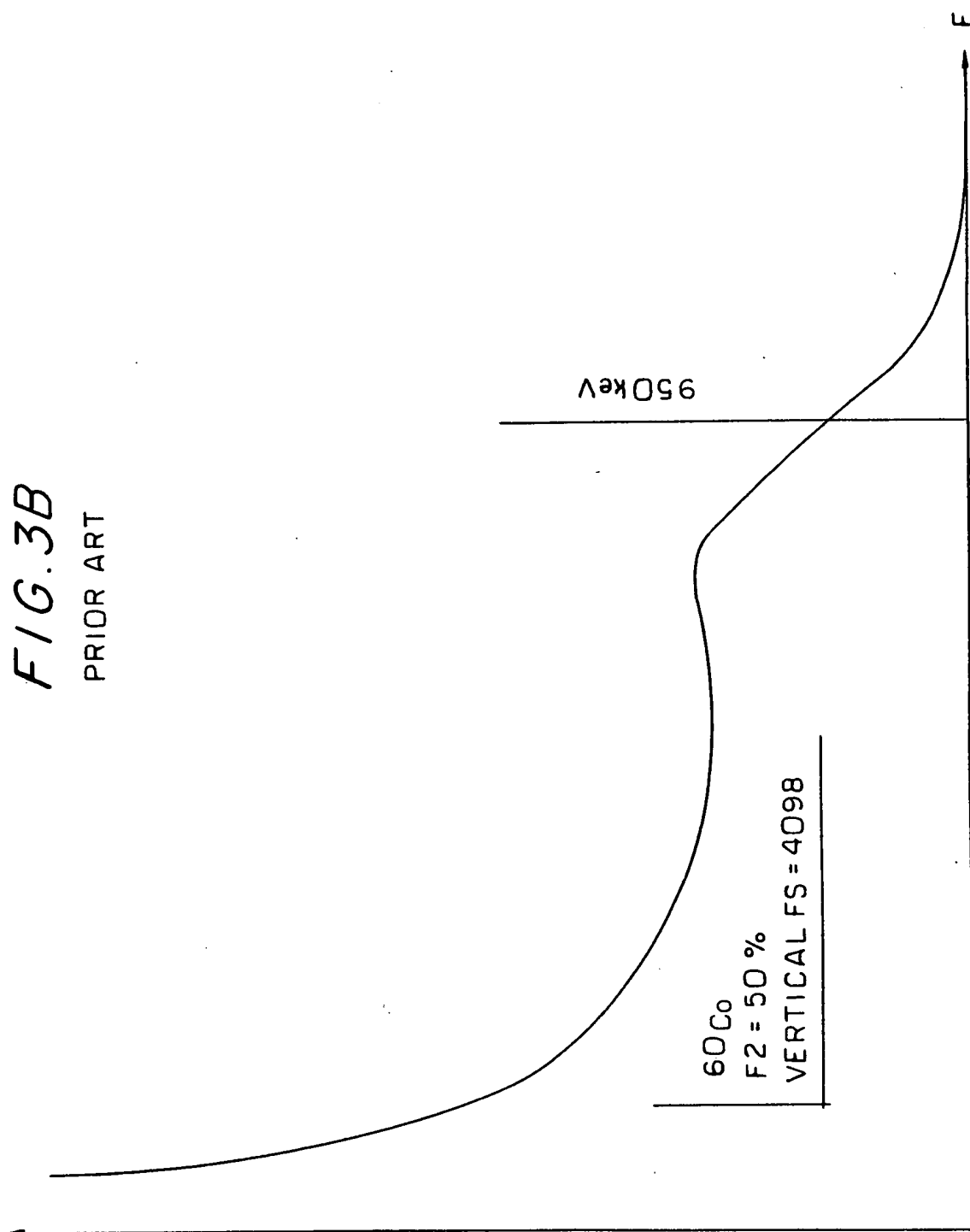




FIG. 3C
PRIOR ART

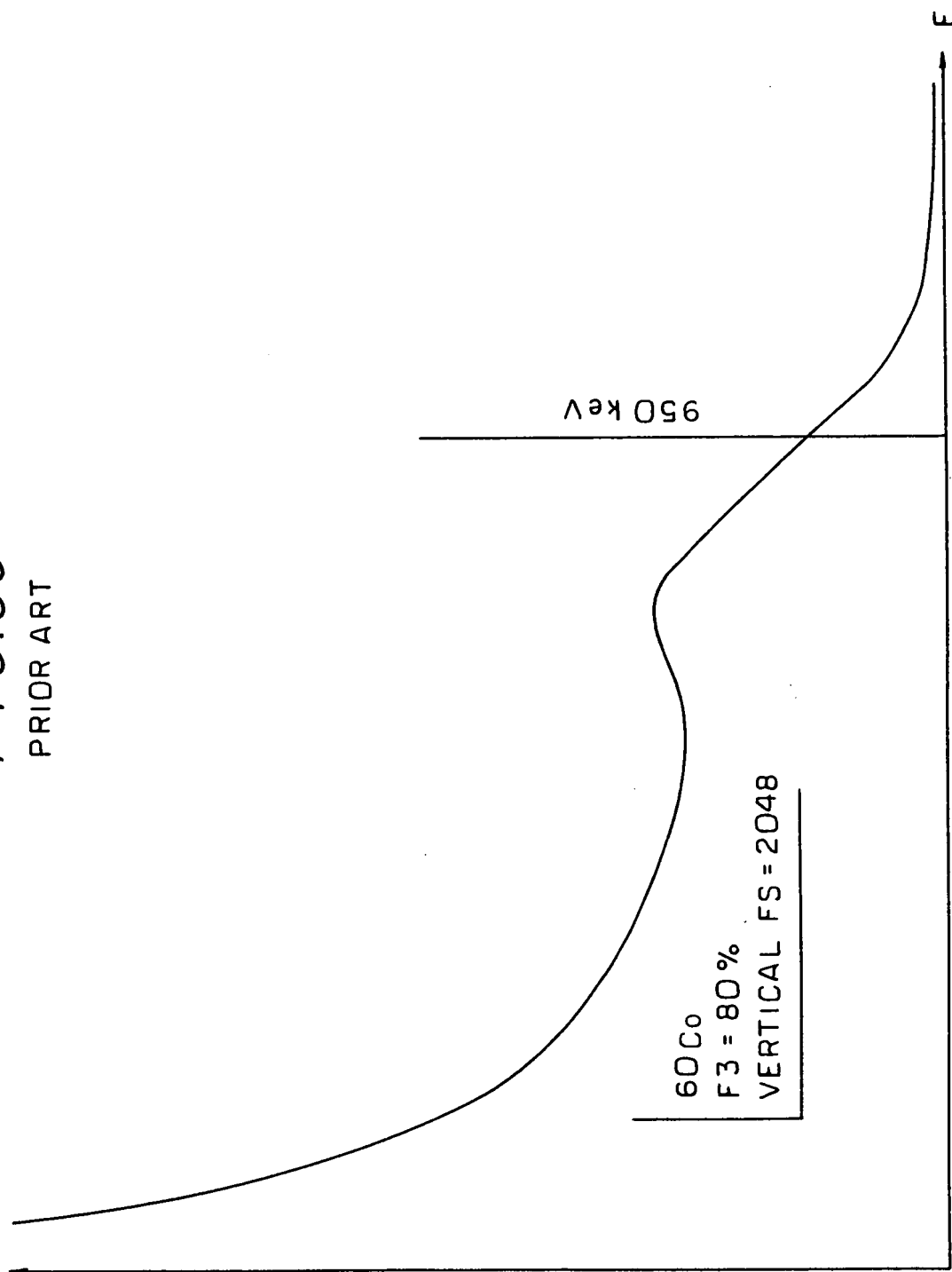




FIG. 3D
PRIOR ART

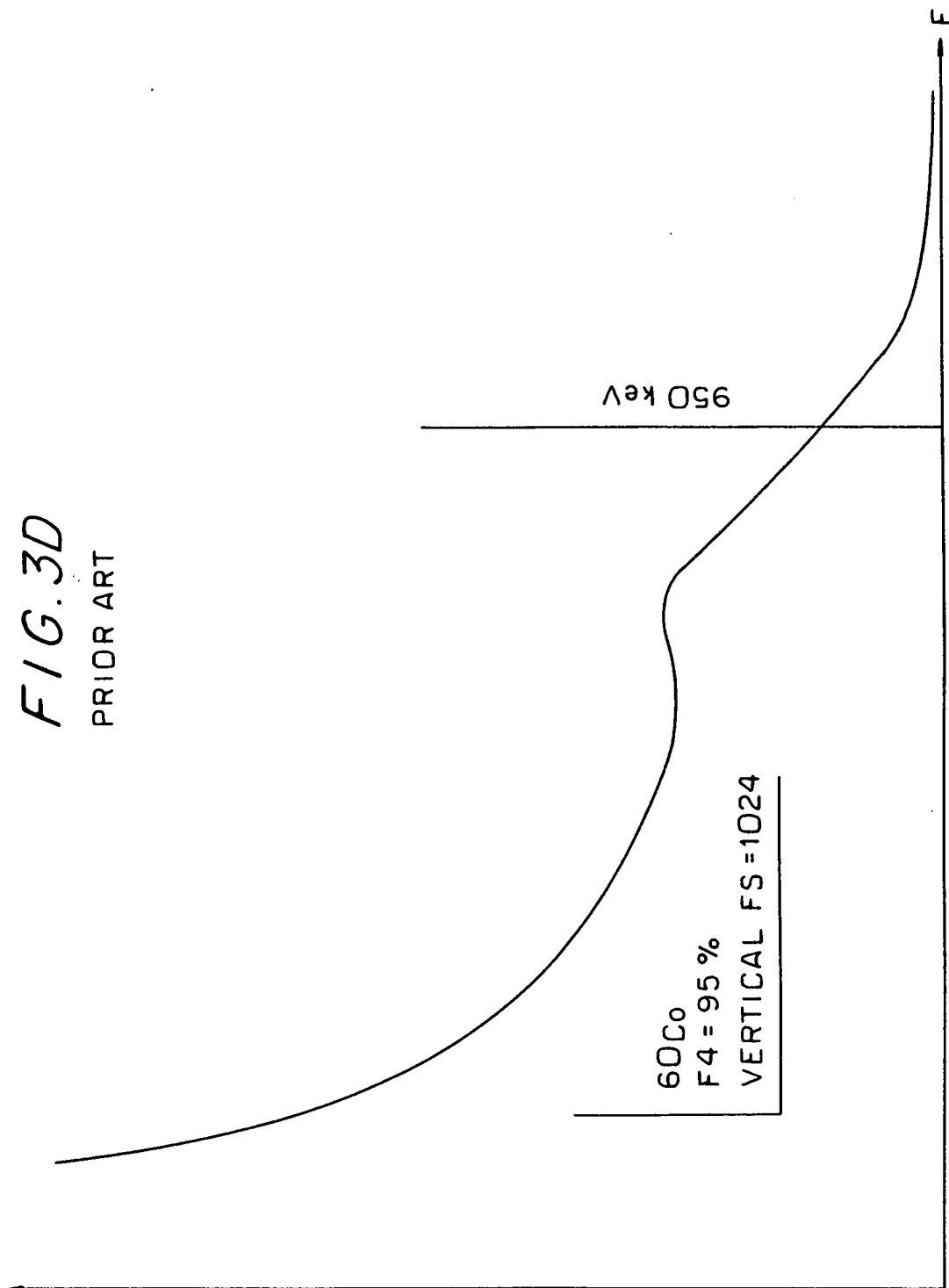




FIG. 3E

PRIOR ART

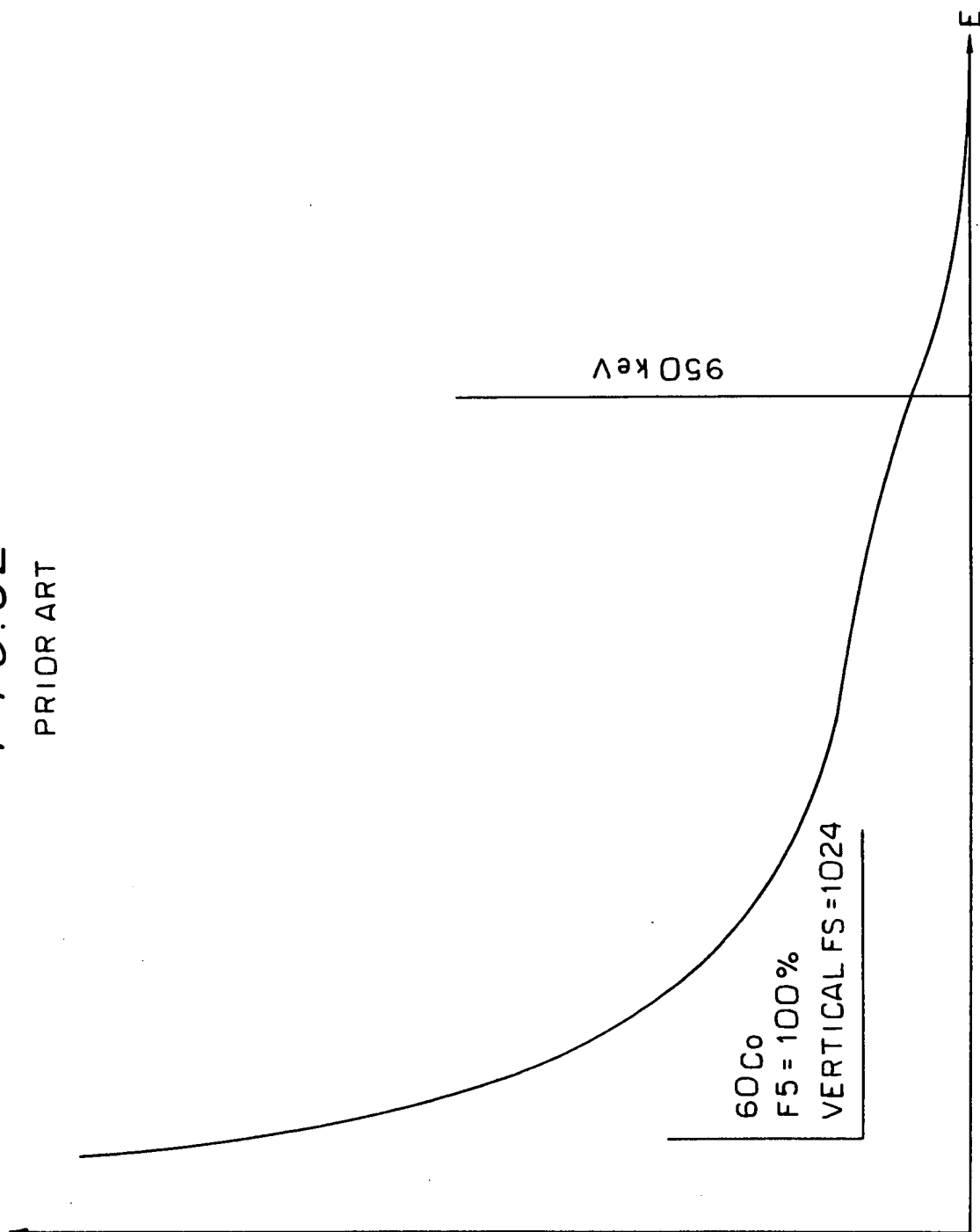




FIG. 4

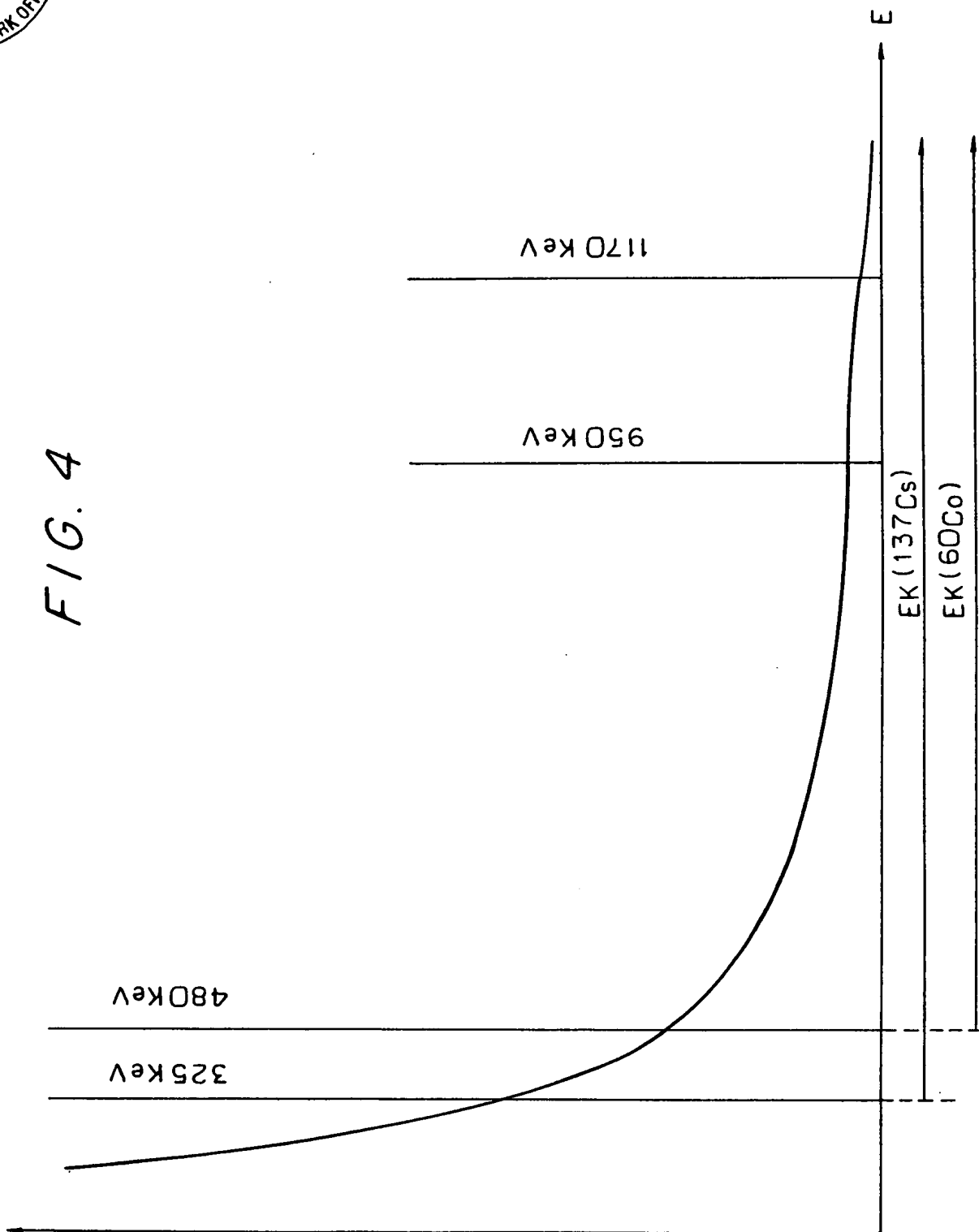
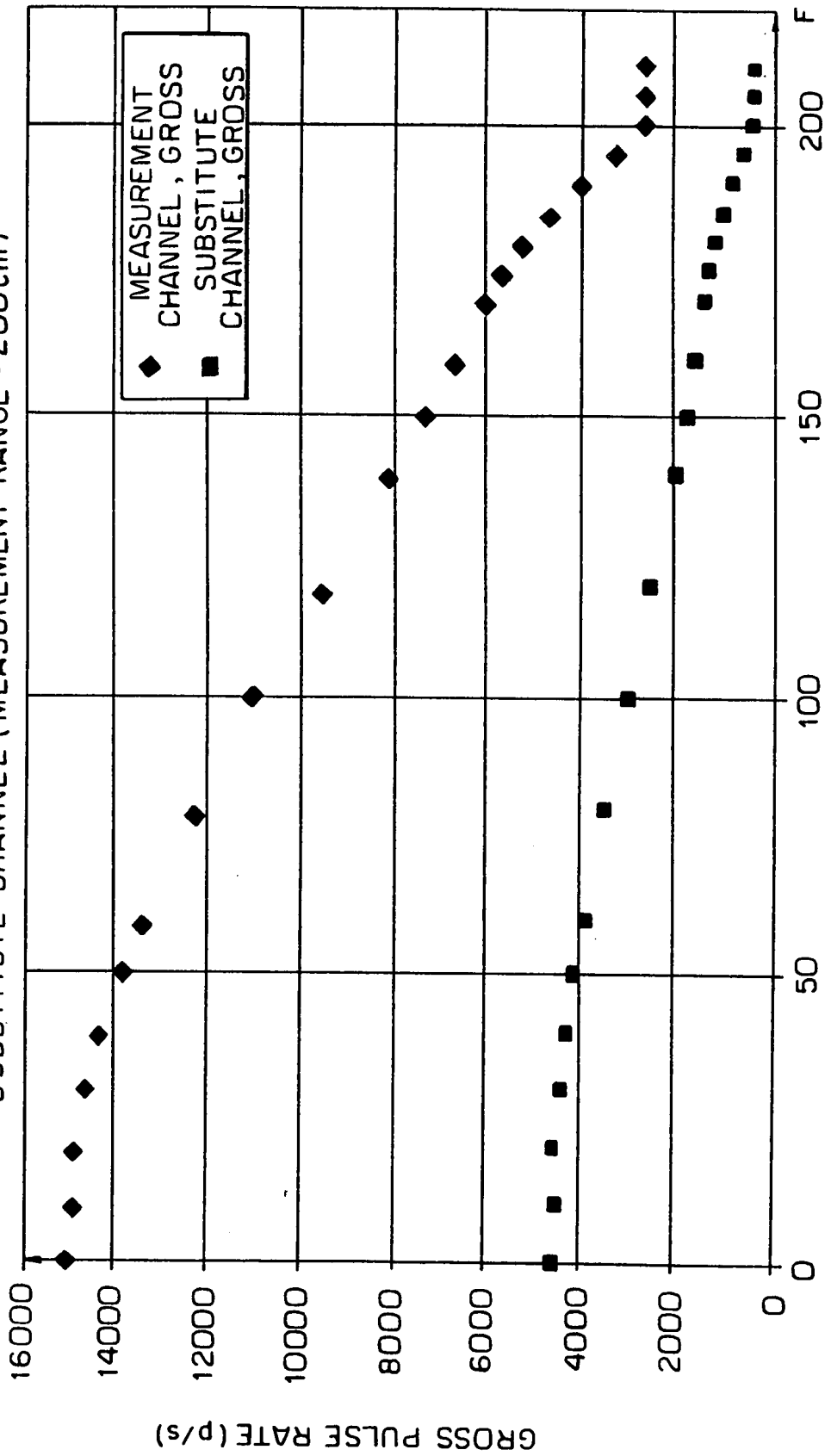


FIG. 5

CALIBRATION CURVES FOR THE MEASUREMENT CHANNEL AND
SUBSTITUTE CHANNEL (MEASUREMENT RANGE = 200cm)



FILL LEVEL (IN CENTIMETERS)





FIG. 6

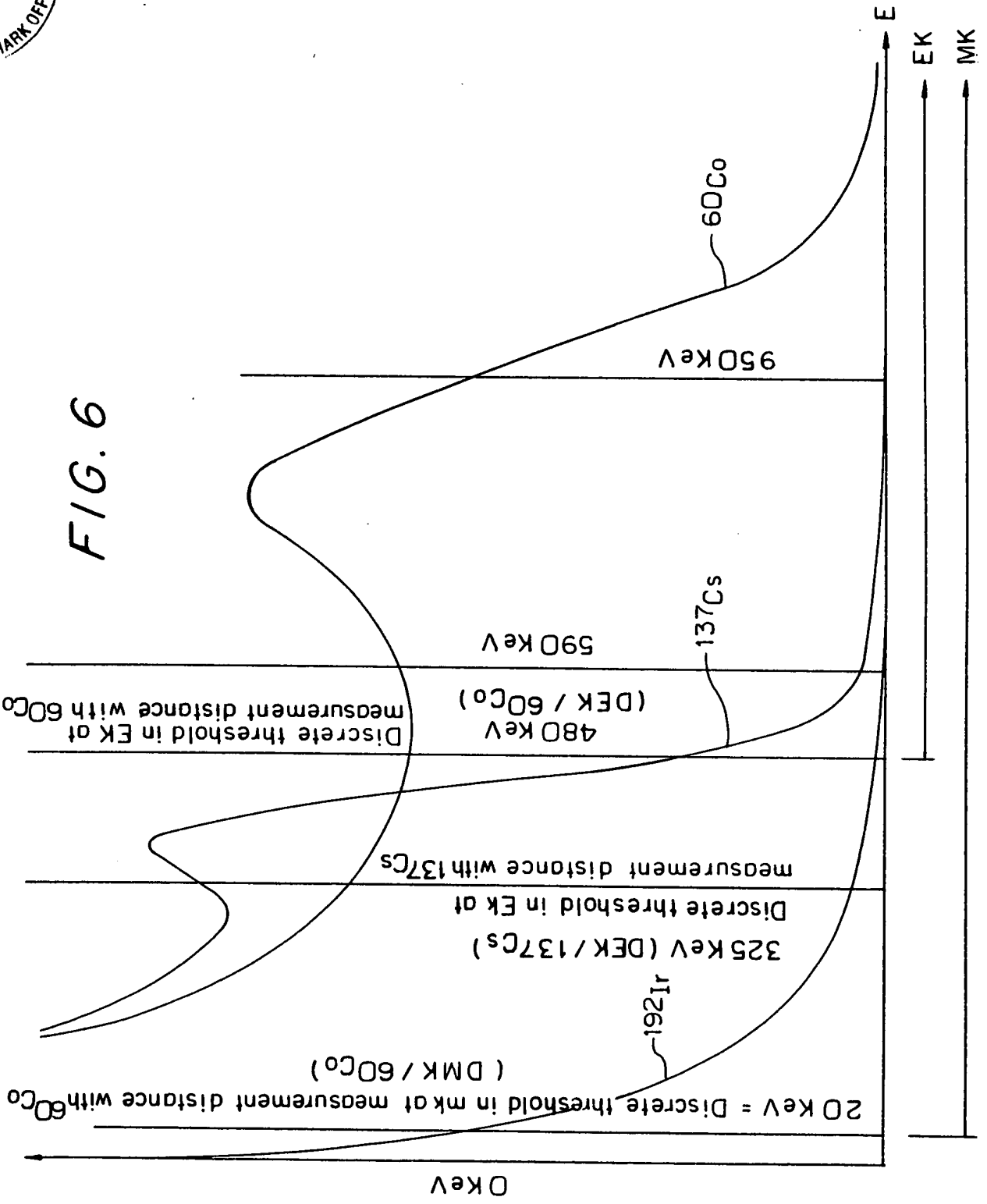




FIG. 7

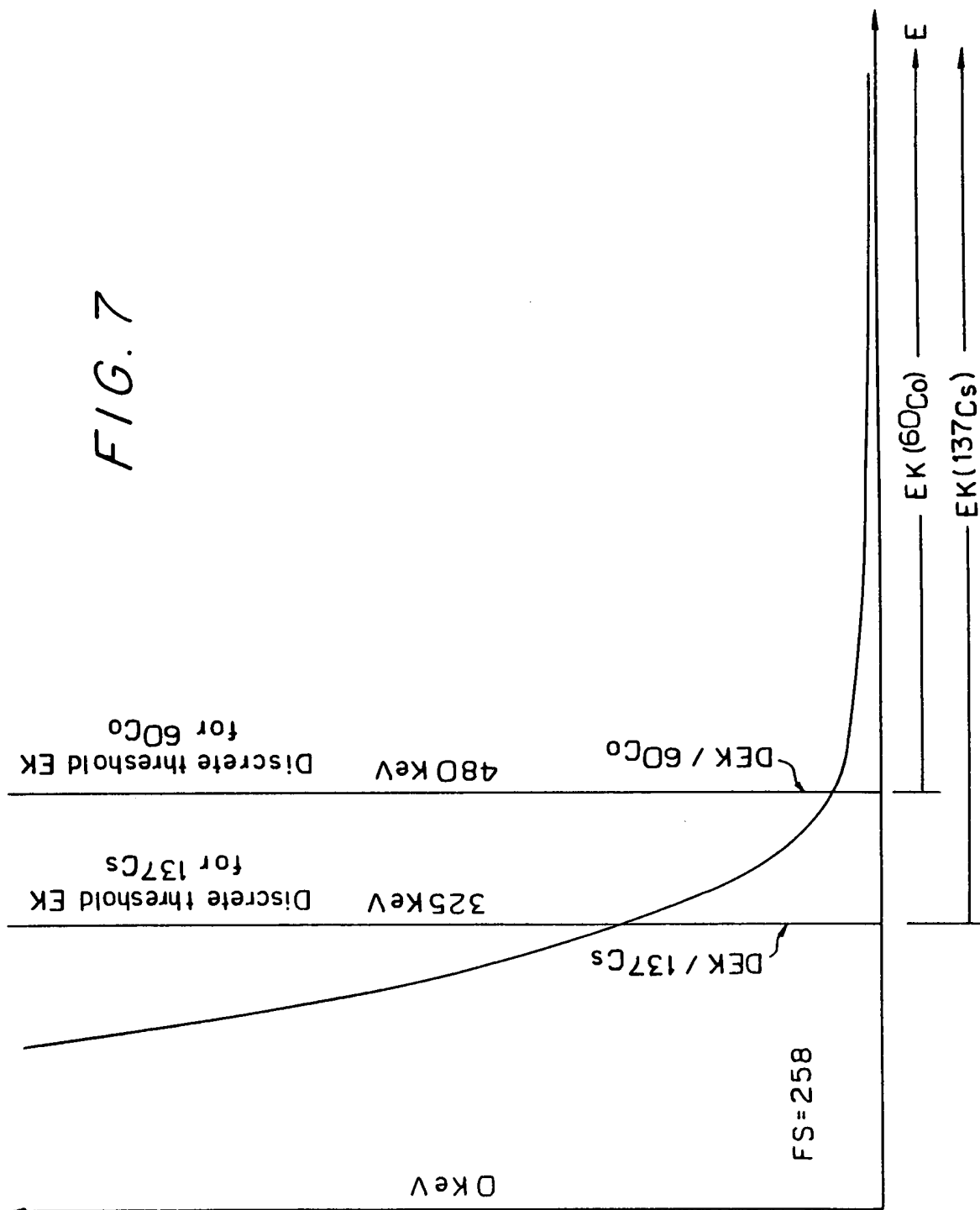




FIG. 8

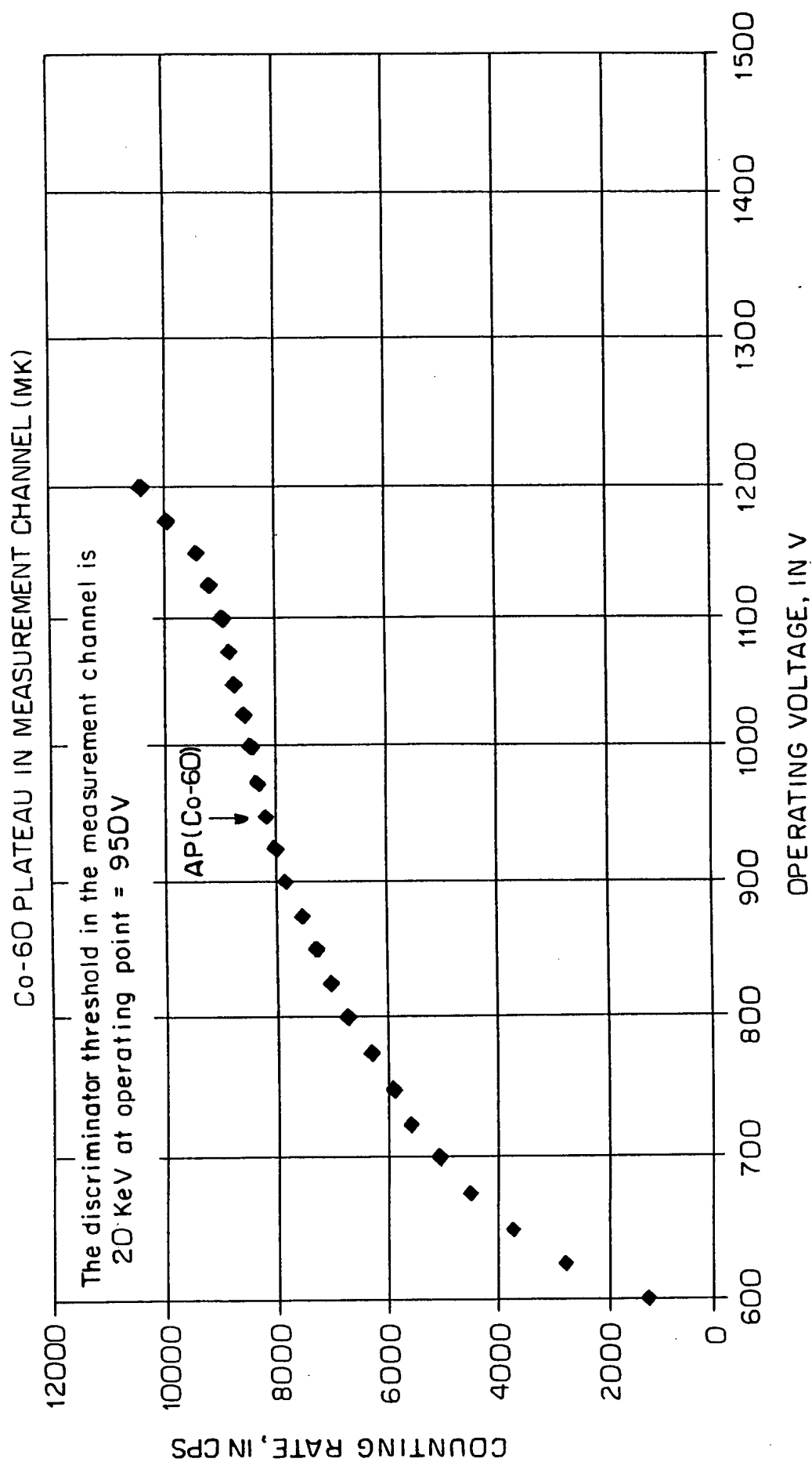




FIG. 9

Co-60 PLATEAU IN SUBSTITUTE CHANNEL(EK)

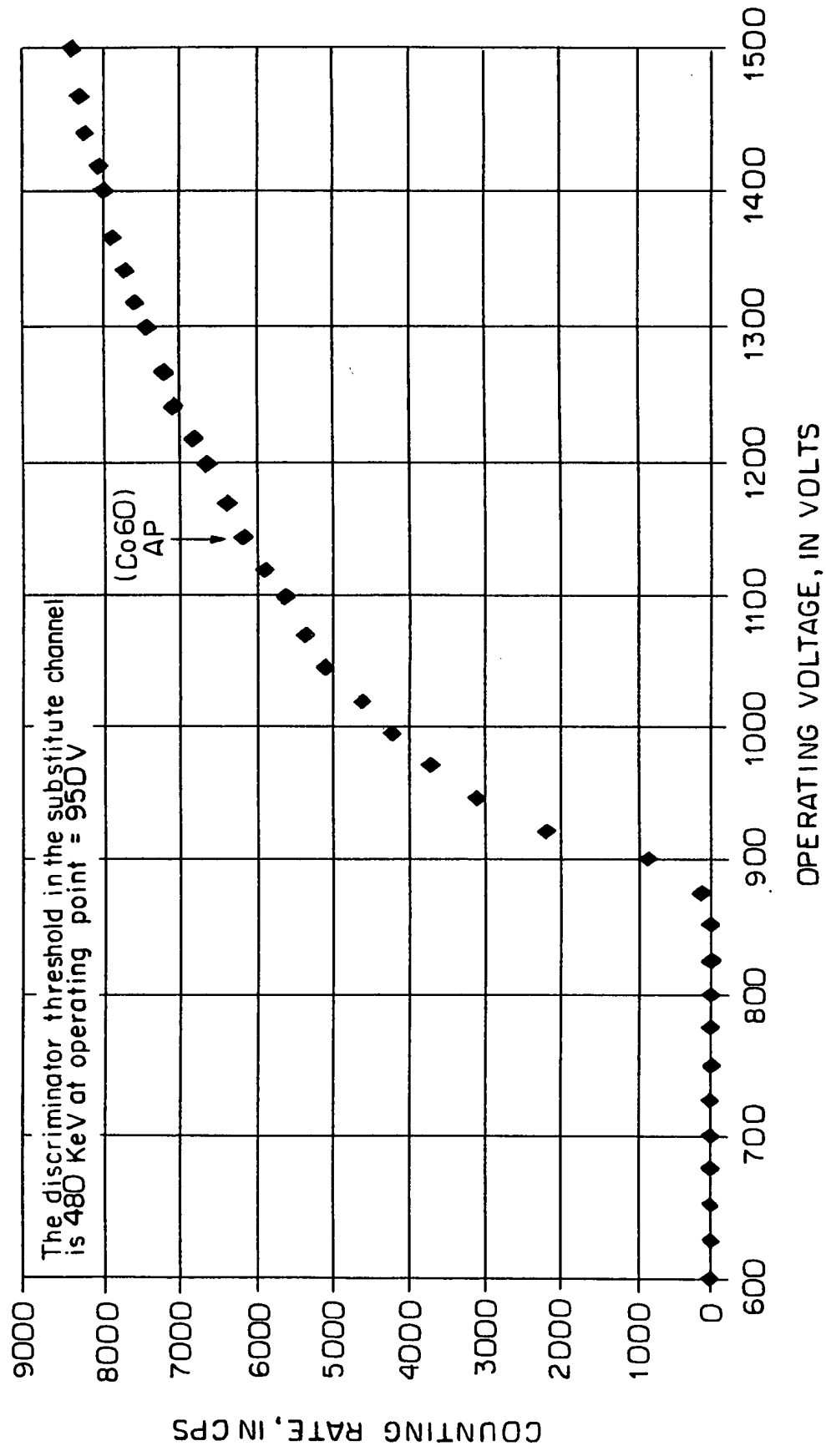




FIG. 10

Cs-137 PLATEAU IN MEASUREMENT CHANNEL (MK)

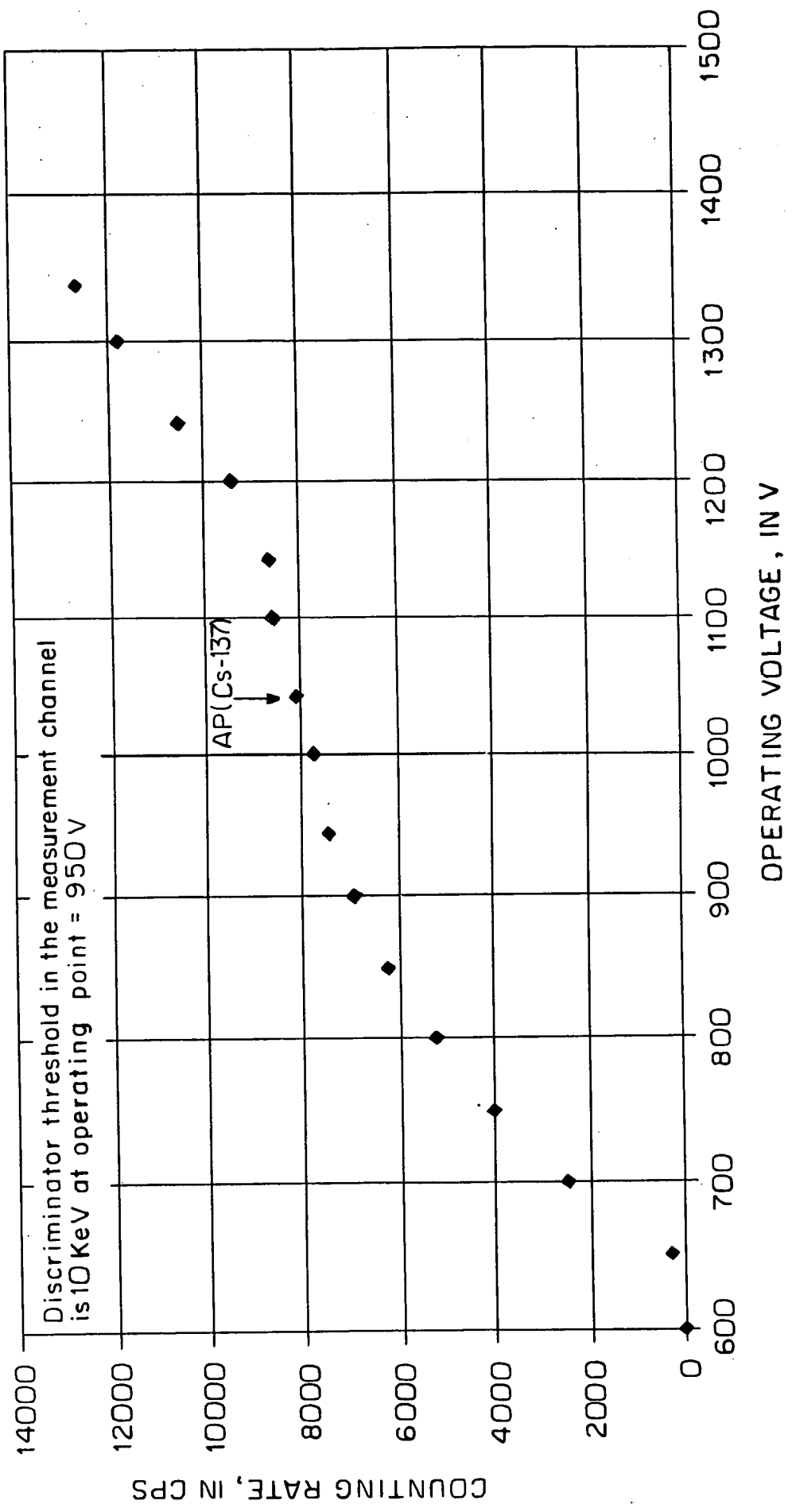
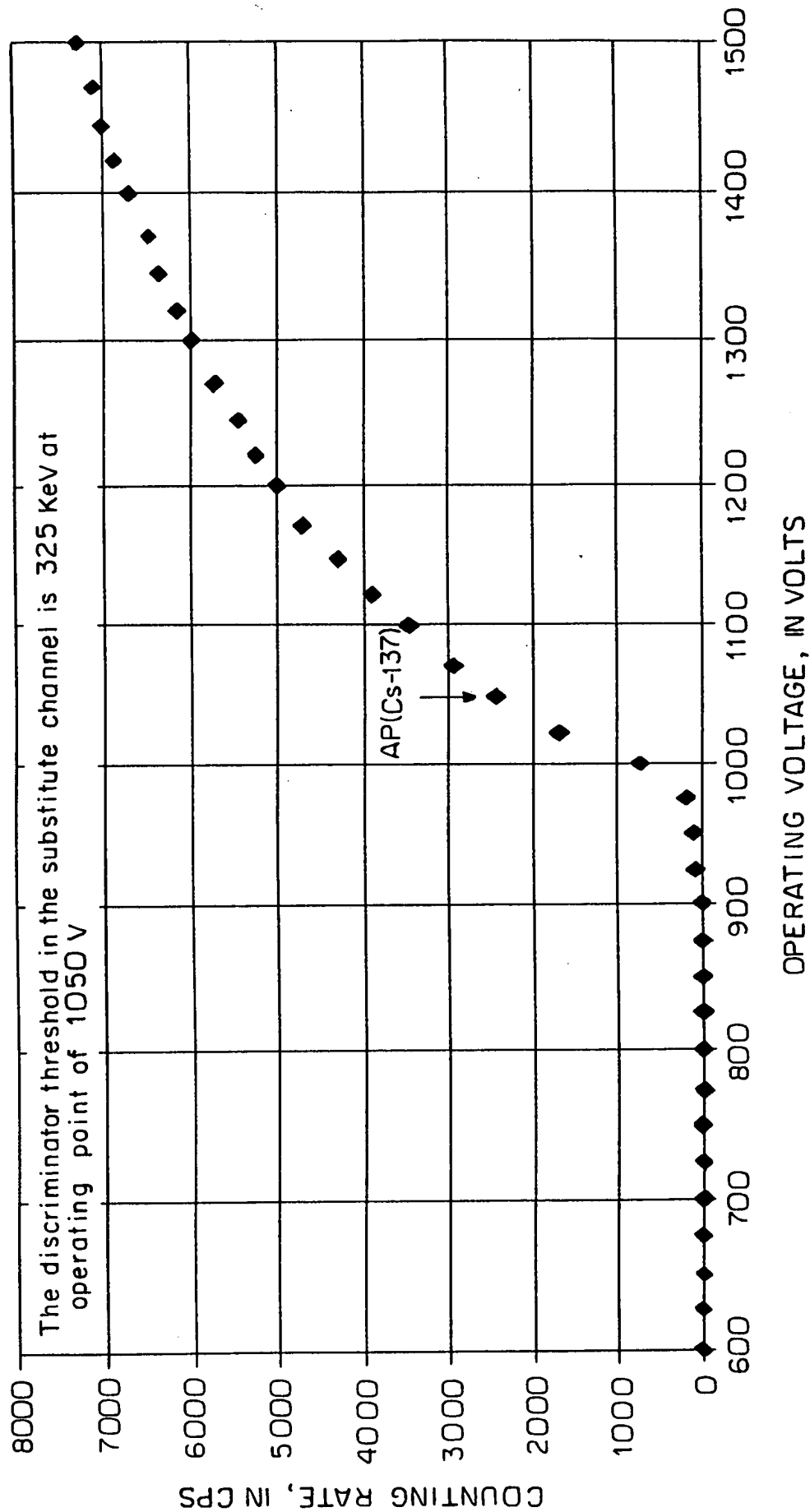




FIG. 11

Cs - 137 PLATEAU IN SUBSTITUTE CHANNEL(EK)



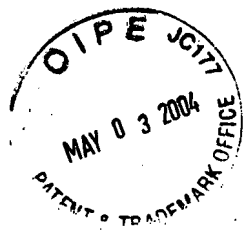


FIG. 12

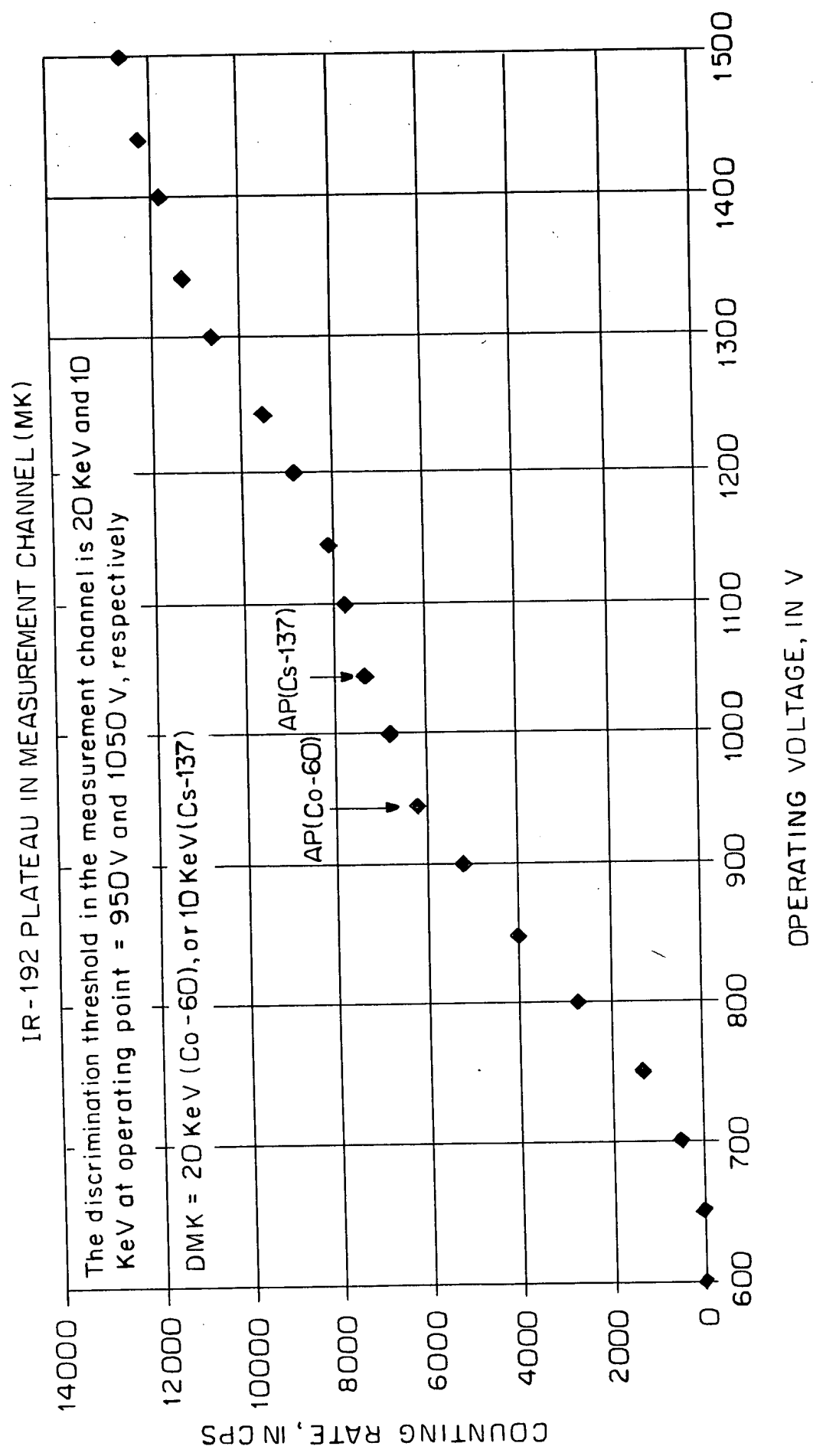


FIG. 13

Ir-192 PLATEAU IN SUBSTITUTE CHANNEL (EK)

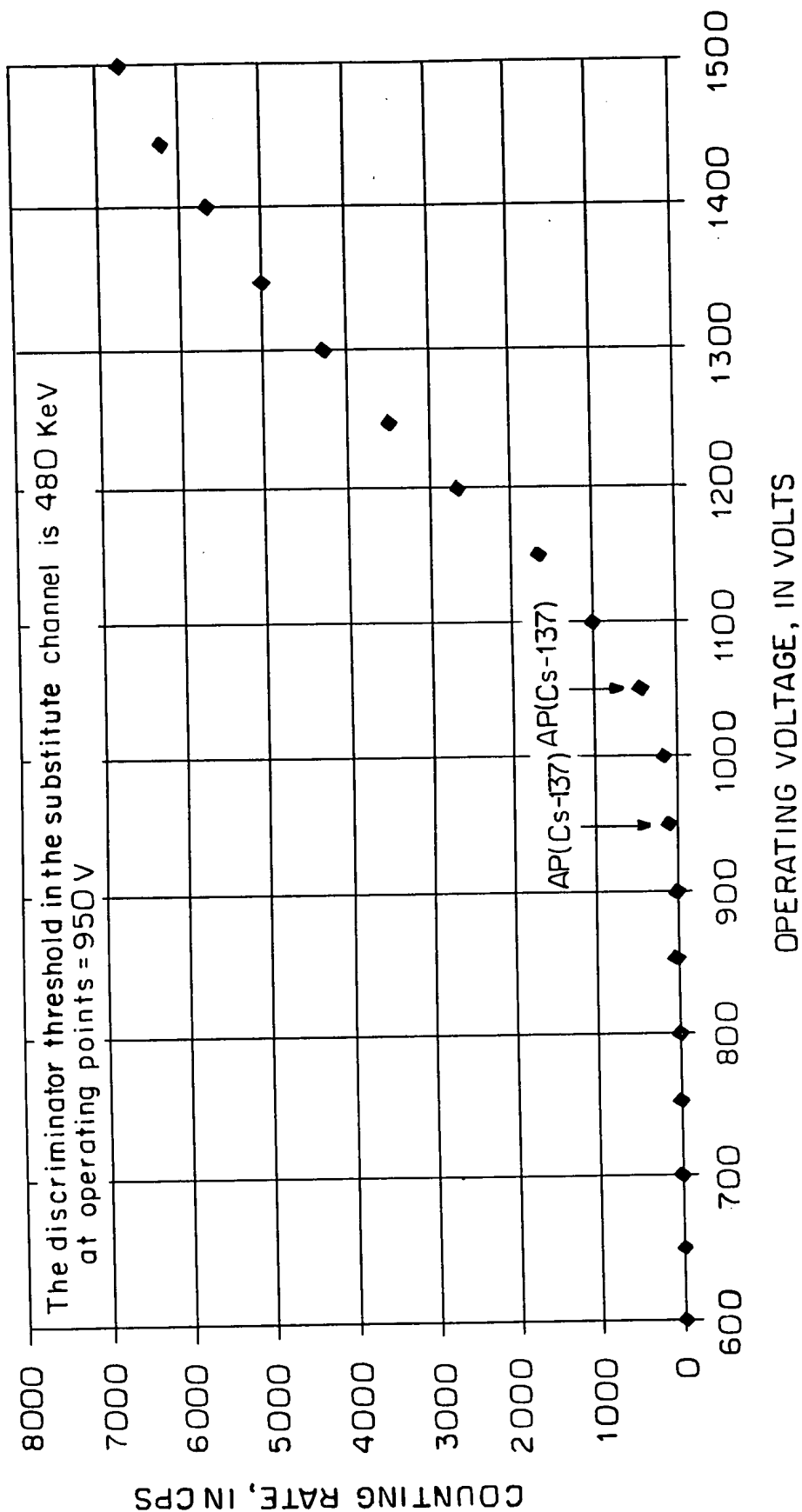




FIG. 14

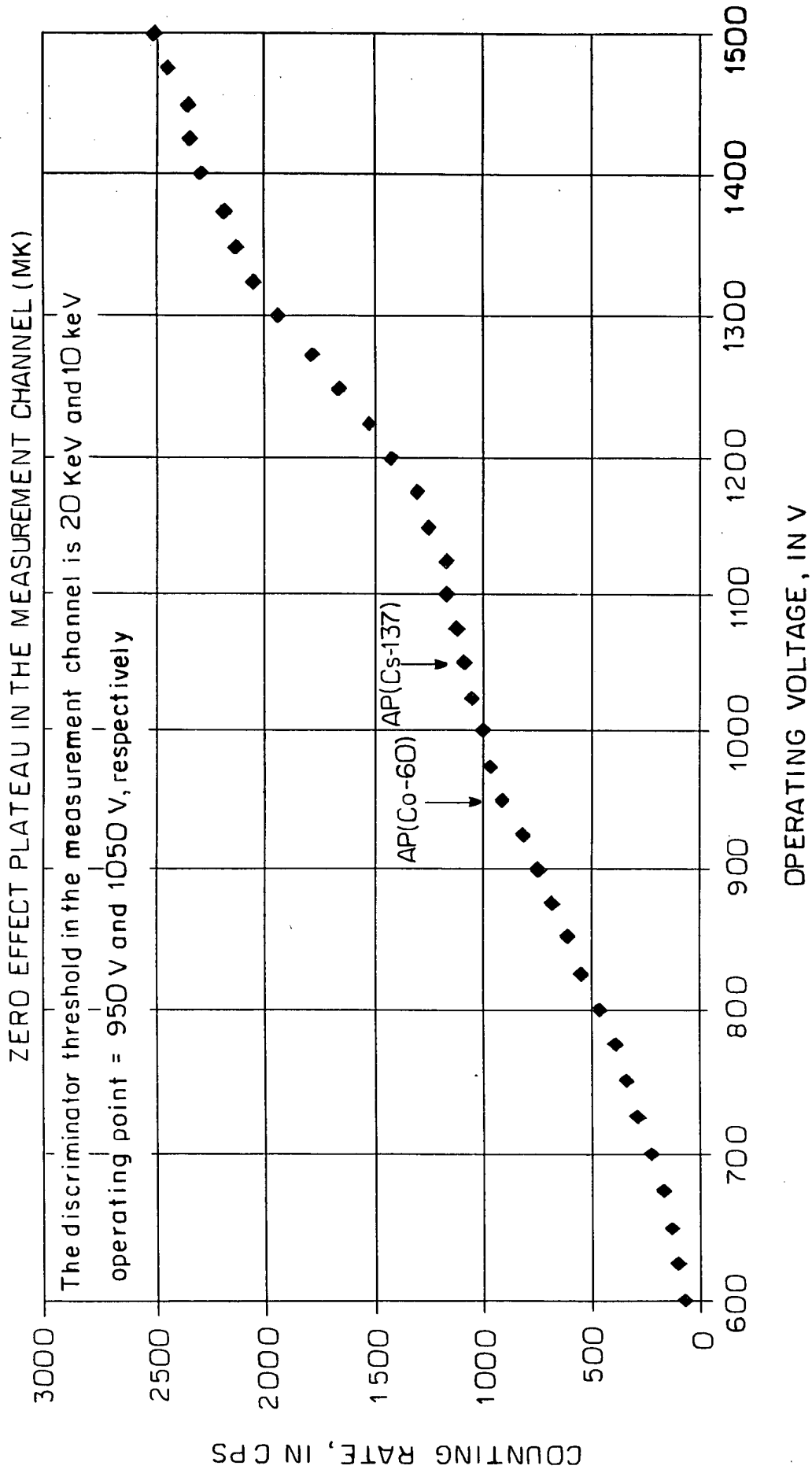




FIG. 15

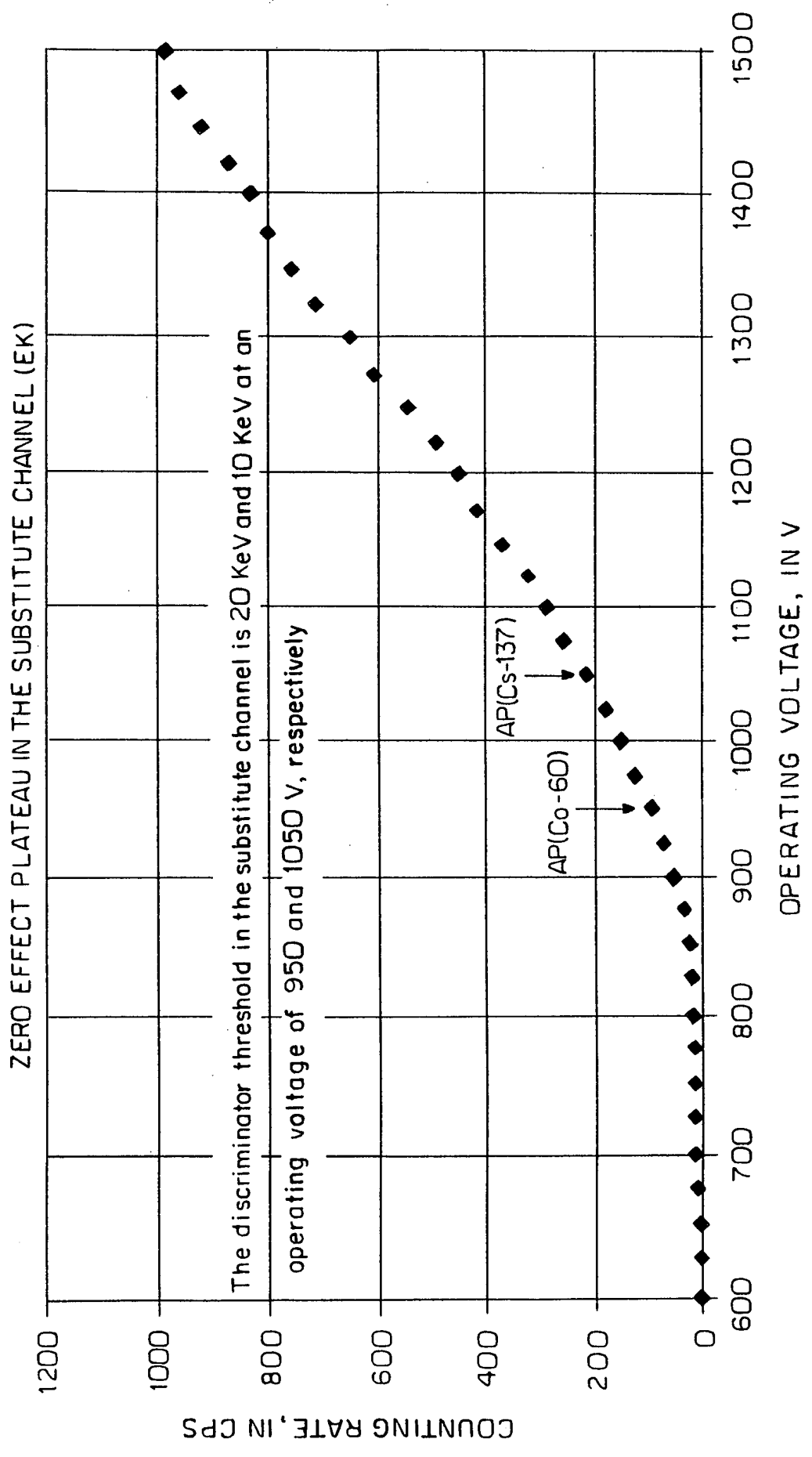
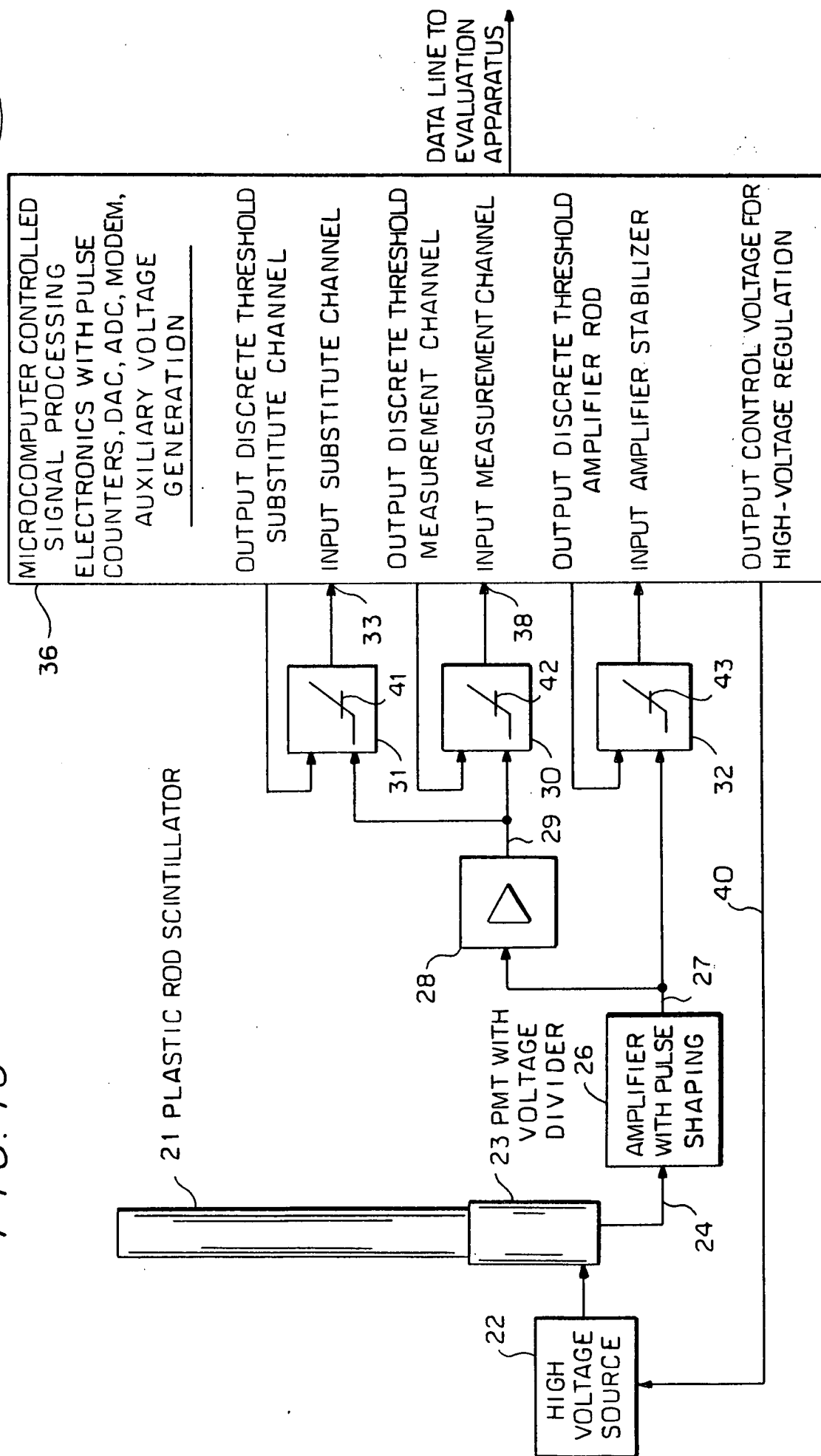
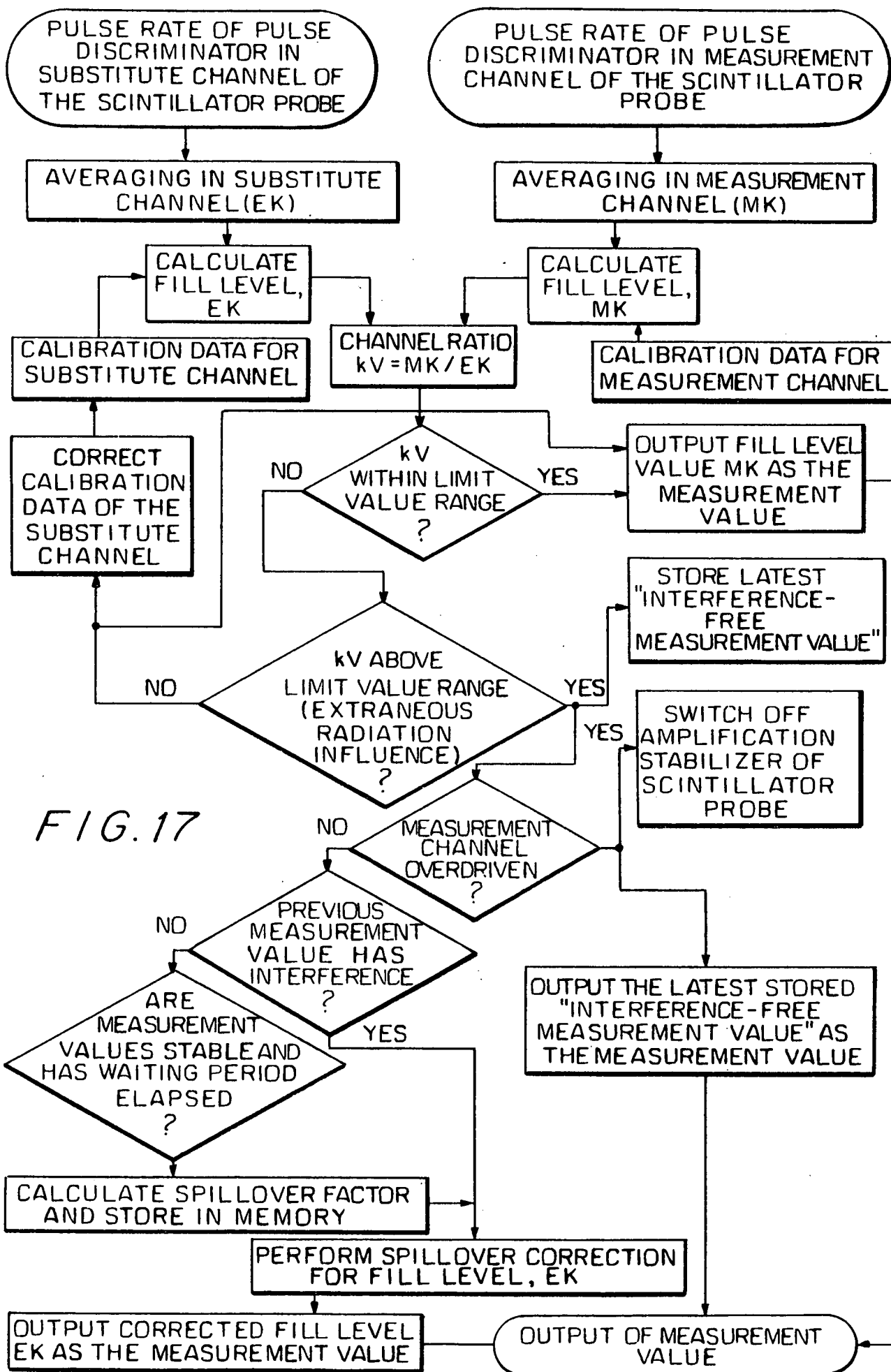


FIG. 16





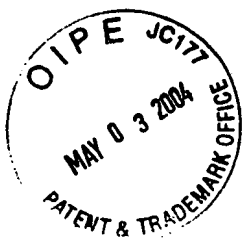


FIG. 18

